

2018 Impaired Waters - 303(d) List

Supplemental List of New Impairments in 2018*

Potomac and Shenandoah River Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
A01R-01-BEN	Dutchman Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			2.93	2018	L
A03R-03-BEN	Big Spring Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			4.49	2018	L
A05R-03-BEN	Goose Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			10.57	2018	L
A06R-02-BEN	Jacks Run						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			3.18	2018	L
A07R-02-BEN	North Fork Beaverdam Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			5.75	2018	L
A08L-01-BAC	Beaverdam Reservoir						
Recreation	Escherichia coli	5A		301.08		2018	L
A08L-02-BAC	Goose Creek Reservoir						
Recreation	Escherichia coli	5A		97.75		2018	L
A08R-06-BEN	Goose Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			2.54	2018	L
A08R-07-BEN	Cattail Branch						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			3.41	2018	L
A08R-08-BEN	Sycolin Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			3.98	2018	L
A09R-02-BEN	Broad Run						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			5.76	2018	M
A09R-06-BEN	Frying Pan Branch						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			1.42	2018	L
A09R-08-BAC	Frying Pan Branch						
Recreation	Escherichia coli	5A			1.42	2018	L
A11R-10-BEN	Wolftrap Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			2.72	2018	L
A12R-02-BEN	Four Mile Run						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			7.96	2018	L
A21R-03-BEN	Unnamed Tributary to Bull Run						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			3.73	2018	L
A21R-04-BEN	Little Bull Run						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			5.12	2018	L
A22R-01-PCB	Cub Run						
Fish Consumption	PCB in Fish Tissue	5A			6.89	2018	L
A22R-05-BEN	Sand Branch						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			1.54	2018	L

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A24L-02-PCB Fish Consumption	Occoquan Reservoir PCB in Fish Tissue	5A		1,250.03		2018	L
A26R-08-BAC Recreation	South Branch Chopawamsic Creek Escherichia coli	5A			4.66	2018	L
A29R-05-BAC Recreation	Dirt Bridge Run Escherichia coli	5A			1.81	2018	L
A33E-08-EBEN Aquatic Life	West Yeocomico River Estuarine Bioassessments	5A	0.394			2018	L
B04R-03-BAC Recreation	Middle Fork Sleepy Creek X-trib Escherichia coli	5A			2.55	2018	L
B07R-01-BAC Recreation	Back Creek Escherichia coli	5A			4.92	2018	L
B25L-01-BAC Recreation	Silver Lake Escherichia coli	5A		10.51		2018	L
B31R-02-PH Aquatic Life	Mills Creek pH	5A			9.12	2018	L
B42R-02-BAC Recreation	North Fork Shenandoah River Escherichia coli	5A			2.59	2018	L
B50R-01-BAC Recreation	Toms Brook Escherichia coli	5A			9.51	2018	L
B58R-06-BAC Recreation	Craig Run Escherichia coli	5A			4.40	2018	L

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Supplemental List of New Impairments in 2018*

James River Basin

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G01L-01-CHLA Aquatic Life	Falling Creek Reservoir Chlorophyll-a	5A		88.37		2018	L
G08E-02-EBEN Aquatic Life	Chickahominy River Estuarine Bioassessments	5A	0.452			2018	L
G11E-05-EBEN Aquatic Life	Chesapeake Bay segment JMSMHa Estuarine Bioassessments	5A	0.070			2018	L
G11E-23-EBEN Aquatic Life	Warwick River - Middle-Lower Tidal Portion Estuarine Bioassessments	5A	0.077			2018	L
G15E-01-01-EBEN Aquatic Life	Deep Creek, Southern Br. Elizabeth R.- Mouth Estuarine Bioassessments	5A	0.075			2018	L
G15E-08-EBEN Aquatic Life	Willoughby Bay [Less Beach Area] Estuarine Bioassessments	5A	2.476			2018	L
H09R-04-BEN Aquatic Life	Tye River Benthic-Macroinvertebrate Bioassessments	5A			8.40	2018	H
H13L-02-PH Aquatic Life	Lake Nelson pH	5A		40.62		2018	L
H16R-04-BAC Recreation	Rockfish River Escherichia coli	5A			6.06	2018	L
H26L-01-DO Aquatic Life	S. F. Rivanna River Reservoir Oxygen, Dissolved	5A		398.69		2018	L
H27L-01-DO Aquatic Life	Chris Green Lake Oxygen, Dissolved	5A		57.07		2018	L
H27R-11-BAC Recreation	Foster Branch Escherichia coli	5A			4.26	2018	L
H28R-13-BEN Aquatic Life	X-trib above Ragged Mountain Reservoir Benthic-Macroinvertebrate Bioassessments	5A			0.29	2018	L
H28R-14-BEN Aquatic Life	UT to Meadow Creek X-trib Benthic-Macroinvertebrate Bioassessments	5A			0.41	2018	L
H28R-15-BEN Aquatic Life	Cow Branch Benthic-Macroinvertebrate Bioassessments	5A			2.47	2018	L
H32R-07-BEN Aquatic Life	South Fork Cunningham Creek Benthic-Macroinvertebrate Bioassessments	5A			1.58	2018	L
H36R-07-BEN Aquatic Life	Bonbrook Creek Benthic-Macroinvertebrate Bioassessments	5A			7.69	2018	L
H39R-30-DO Aquatic Life	Dover Creek Oxygen, Dissolved	5A			0.93	2018	L
I01R-03-BAC Recreation	Jackson River Escherichia coli	5A			13.49	2018	L

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Impaired Use	Cause						
I11R-01-BAC	Potts Creek						
Recreation	Escherichia coli	5A			5.09	2018	L
I15R-01-BAC	Stuart Run						
Recreation	Escherichia coli	5A			18.30	2018	L
I31R-01-TEMP	Gochenour Branch						
Aquatic Life	Temperature, water	5A			4.31	2018	L
I36R-07-PH	South River						
Aquatic Life	pH	5A			6.33	2018	L
J15R-08-BEN	Oldtown Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			6.22	2018	L

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Rappahannock River Basin

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
E03R-01-BEN Aquatic Life	Popham Run Benthic-Macroinvertebrate Bioassessments	5A			2.21	2018	L
E04R-01-TEMP Aquatic Life	Hazel River Temperature, water	5A			6.78	2018	L
E09L-01-TP Aquatic Life	Lake Pelham Phosphorus (Total)	5A		249.70		2018	L
E09R-01-PCB Fish Consumption	Mountain Run PCB in Water Column	5A			6.65	2018	H, 2yr
E09R-02-PCB Fish Consumption	Mountain Run PCB in Water Column	5A			4.63	2018	L
E11R-01-TEMP Aquatic Life	Garth Run Temperature, water	5A			5.82	2018	L
E14R-01-BEN Aquatic Life	White Oak Run Benthic-Macroinvertebrate Bioassessments	5A			3.19	2018	L
E15R-02-BEN Aquatic Life	Deep Run Benthic-Macroinvertebrate Bioassessments	5A			2.47	2018	L
E16R-01-BEN Aquatic Life	Cedar Run Benthic-Macroinvertebrate Bioassessments	5A			2.25	2018	L
E17R-02-BEN Aquatic Life	Mountain Run Benthic-Macroinvertebrate Bioassessments	5A			10.10	2018	L
E20E-03-PCB Fish Consumption	Rappahannock River PCB in Fish Tissue	5A			3.31	2018	L

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Roanoke and Yadkin River Basins

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
L04R-10-BEN	Wolf Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			4.50	2018	L
L05R-01-BEN	Tinker Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			6.50	2018	H, 2yr
L19R-01-HG	Roanoke (Staunton) River, Cub Creek, Kerr Reservoir						
Fish Consumption	Mercury in Fish Tissue	5A			9.87	2018	L
L38L-01-DO	Conner Lake						
Aquatic Life	Oxygen, Dissolved	5A		101.92		2018	L
L42L-06-PH	Townes Reservoir						
Aquatic Life	pH	5A		28.12		2018	L
L60R-01-PCB	Dan River, Banister River and Hyco River						
Fish Consumption	PCB in Fish Tissue	5A			17.48	2018	L
L61R-02-BEN	Lawless Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			4.71	2018	L
L74R-08-BEN	Little Bluewing Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			7.92	2018	L
L76R-02-BAC	Buffalo Creek						
Recreation	Escherichia coli	5A			5.68	2018	L
L76R-02-BEN	Buffalo Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			5.68	2018	L
L79L-02-DO	Lake Gordon						
Aquatic Life	Oxygen, Dissolved	5A		107.48		2018	L

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Chowan River and Dismal Swamp Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
K01R-04-BEN	Blackstone Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			4.47	2018	L
K09R-01-BAC	Meherrin River						
Recreation	Escherichia coli	5A			2.26	2018	L
K15R-06-BEN	Little Nottoway River						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			9.08	2018	L
K16L-01-DO	Fort Pickett Reservoir						
Aquatic Life	Oxygen, Dissolved	5A		318.95		2018	L
K19R-11-BAC	Moore's Swamp						
Recreation	Escherichia coli	5A			0.73	2018	L
K20R-02-BAC	White Oak Swamp						
Recreation	Escherichia coli	5A			14.83	2018	L
K23R-01-BAC	Arthur Swamp						
Recreation	Escherichia coli	5A			0.24	2018	L
K23R-09-BAC	Fox Branch						
Recreation	Escherichia coli	5A			3.48	2018	L
K28R-06-BAC	Nottoway Swamp						
Recreation	Escherichia coli	5A			8.12	2018	L
K36R-08-BAC	Ducks Swamp						
Recreation	Escherichia coli	5A			2.61	2018	L
K39R-03-BAC	Adams Swamp						
Recreation	Escherichia coli	5A			2.99	2018	L

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Tennessee and Big Sandy River Basins

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
O06R-06-BAC Recreation	Cox Mill Creek Escherichia coli	5A			3.51	2018	L
P09R-08-BAC Recreation	Cowan Creek Escherichia coli	5A			4.15	2018	L
P10R-06-BAC Recreation	Honey Branch Escherichia coli	5A			2.89	2018	L
P17R-14-PH Aquatic Life	Roaring Branch pH	5A			2.91	2018	L
P18R-04-BAC Recreation	Beaverdam Creek Escherichia coli	5A			4.03	2018	L
P24R-02-BAC Recreation	Station Creek Escherichia coli	5A			3.11	2018	L
Q01R-01-BAC Recreation	Dry Fork Escherichia coli	5A			11.61	2018	L
Q09R-01-BAC Recreation	Russell Fork Escherichia coli	5A			4.55	2018	H, 2yr
Q13R-07-TEMP Aquatic Life	Pound River Temperature, water	5A			3.22	2018	L

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Chesapeake Bay/Atlantic/Small Coastal Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
C04E-06-EBEN	Edwards Creek						
Aquatic Life	Estuarine Bioassessments	5A	0.047			2018	L
C07E-46-BEN	Northwest Br. Back River - Lower						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A	0.961			2018	L
C07R-03-BEN	UT to Big Bethel Reservoir						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			2.91	2018	L
C15E-14-SF	Cherrystone Inlet - Eyrehall Cr						
Shellfishing	Fecal Coliform	5A	0.103			2018	L
CB5MH-EBEN-BAY	Chesapeake Bay segment CB5MH						
Aquatic Life	Estuarine Bioassessments	5A	5.187			2018	L
D03E-07-DO	Wachapreague Channel						
Aquatic Life	Oxygen, Dissolved	5A	0.098			2018	L

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York River Basin

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F02R-01-BEN	Fosters Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			4.91	2018	L
F03R-03-BEN	Fork Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			5.83	2018	L
F03R-04-BEN	South Branch Fork Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			3.05	2018	L
F03R-05-BEN	Unnamed tributary to Taylors Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			1.43	2018	L
F05R-01-BEN	Newfound River						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			10.95	2018	L
F06R-01-BEN	North Anna River						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			2.79	2018	L
F06R-10-BAC	Hickory Creek						
Recreation	Escherichia coli	5A			0.68	2018	L
F13R-07-PH	Jacks Creek						
Aquatic Life	pH	5A			7.51	2018	L
F14E-04-EBEN	York-, Pamunkey-, and Mattaponi Rivers						
Aquatic Life	Estuarine Bioassessments	5A	31.388			2018	L
F21R-05-BAC	Herring Creek						
Recreation	Escherichia coli	5A			2.14	2018	L
F21R-07-BAC	Mattaponi River						
Recreation	Escherichia coli	5A			8.87	2018	L
F21R-08-BAC	Dorrell Creek						
Recreation	Escherichia coli	5A			4.96	2018	L
F21R-09-BAC	Gravel Run						
Recreation	Escherichia coli	5A			3.54	2018	L
F23R-05-BEN	Fleets Creek						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	5A			5.01	2018	L
F24E-02-BAC	Mattaponi River						
Recreation	Escherichia coli	5A	1.384			2018	L
YRKP-EBEN-BAY	York River - BIBI YRPha segments						
Aquatic Life	Estuarine Bioassessments	5A	0.139			2018	L

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N02R-03-BAC Recreation	Wilson Creek Escherichia coli	5A			4.62	2018	M
N05R-01-BEN Aquatic Life	Elk Creek and Turkey Fork Benthic-Macroinvertebrate Bioassessments	5A			6.00	2018	L
N06R-03-PH Aquatic Life	New River pH	5A			10.41	2018	L
N10R-02-BEN Aquatic Life	Mill Creek Benthic-Macroinvertebrate Bioassessments	5A			6.39	2018	L
N13R-01-BAC Recreation	Big Reed Island Creek Escherichia coli	5A			6.64	2018	M, 2yr
N13R-01-TEMP Aquatic Life	Big Reed Island Creek Temperature, water	5A			6.64	2018	L
N14R-01-BAC Recreation	Big Reed Island Creek Escherichia coli	5A			7.55	2018	H, 2yr
N14R-01-TEMP Aquatic Life	Big Reed Island Creek Temperature, water	5A			7.55	2018	L
N14R-03-BAC Recreation	Big Reed Island Creek Escherichia coli	5A			13.35	2018	L
N20R-04-BEN Aquatic Life	Dodd Creek, Unnamed Tributary (XEM) Benthic-Macroinvertebrate Bioassessments	5A			0.71	2018	L
N26R-03-TEMP Aquatic Life	Nobusiness Creek Temperature, water	5A			6.72	2018	L

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